

IN THE SPECIFICATION

Please delete the line at page 7, line 20, as follows:

~~THE FOLLOWING SECTION WILL CONTAIN DEFINITIONS OF CLAIM TERMS~~

Replace the paragraph beginning at page 16, line 3 with the following rewritten paragraph:

The invention also provides processes using any of the designs described herein. A list of nonlimiting examples of processes, includes: distilling, reacting, adsorbing, heating, cooling, compressing, expanding, separating, absorbing, vaporizing, condensing, and combinations of these. Examples of catalysts, reactions, process conditions and parameters (such as productivities) and reactor types that can also be applied in the context of the present invention are described in U.S. Patent ~~Application Ser.~~ No. 6,680,044 ~~09/640,903~~ which is incorporated herein as if reproduced below.